



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending June 23, 2019
Issued June 24, 2019

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Despite the overall unseasonably cool weather throughout Minnesota, there were **4.5 days suitable for fieldwork** during the week ending June 23, 2019, according to USDA's National Agricultural Statistics Service. Planting is winding down in Minnesota as operators turn to spraying their crops as conditions allow. Some side dressing of corn fields were reported. Cooler than normal temperatures are still slowing crop development, however crops continued to emerge this week and reporters have observed a small improvement in most crop conditions.

Topsoil moisture condition was rated 0 percent very short, 3 percent short, 72 percent adequate and 25 percent surplus. **Subsoil moisture** condition was rated 0 percent very short, 3 percent short, 67 percent adequate and 30 percent surplus.

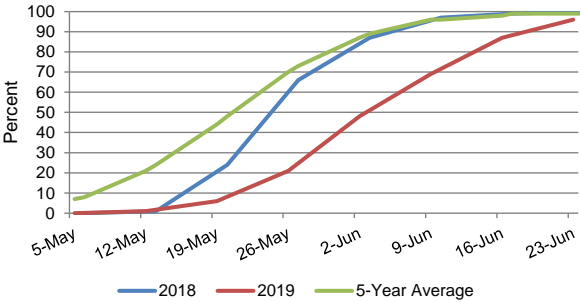
Minnesota **corn** emergence reached 96 percent this week, 2 weeks behind last year and the 5-year average. Corn condition was rated at 59 percent good to excellent, slightly improved from the previous week. **Soybeans** planted neared completion, however there are still some acres intended to be planted. Eighty-seven percent of the soybean crop had emerged, nearly 2 weeks behind last year and the average. Soybean condition rated 66 percent good to excellent.

Sixty-seven percent of the **spring wheat** crop had jointed, 5 days behind average. Spring wheat headed reached 14 percent this week, 6 days behind normal. Spring wheat condition rated 83 percent good to excellent. **Oats** jointed stretched to 84 percent, 2 days behind the average. Oats headed were 32 percent complete, 4 days behind normal. Oat condition 69 percent rated good to excellent. **Barley** jointed was 75 percent, ahead of last year and virtually the same as the average, while barley headed reached 18 percent. Barley condition improved to 80 percent good to excellent.

Nearly all **dry edible beans** have been planted, while emergence reached 88 percent, 6 days behind normal. The first **sunflower** condition rating of the year came in at 0 percent very poor, 0 percent poor, 22 percent fair, 67 percent good, and 11 percent excellent. **Potato** condition rated 91 percent good to excellent. **Sugarbeet** condition was rated 82 percent good to excellent.

The first cutting of **alfalfa hay** was 74 percent complete, 3 days behind last year and the 5-year average. **All hay** condition rated 75 percent good to excellent, improving from the previous week. **Pasture condition** rated 68 percent good to excellent.

Corn Emerged - Minnesota
For the Third Week of June



Crop Condition as of June 23, 2019

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	1	1	18	70	10
Corn	2	6	33	50	9
Hay, all	0	2	23	64	11
Oats.....	1	4	26	58	11
Pasture and range.....	1	3	28	56	12
Potatoes	0	0	9	63	28
Soybeans	1	3	30	56	10
Spring wheat ..	0	2	15	68	15
Sugarbeets	2	3	13	21	61
Sunflowers.....	0	0	22	67	11

Crop Progress as of June 23, 2019

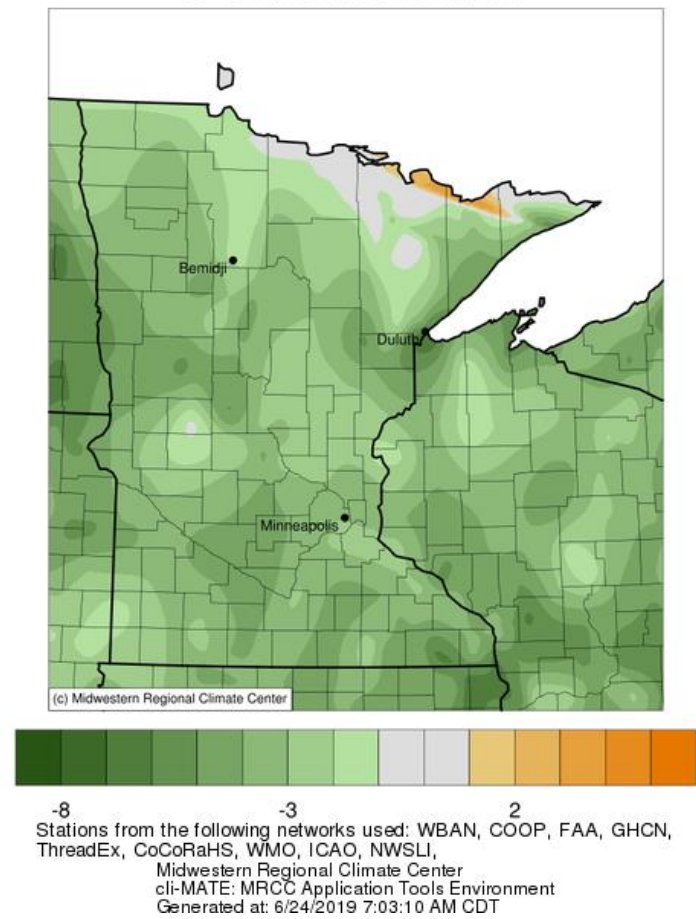
Item	This week	Last Week	Last Year	5-yr Avg
	(percent)	(percent)	(percent)	(percent)
Barley jointing.....	75	48	72	76
Barley headed	18	2	24	33
Corn emerged.....	96	87	100	99
Dry edible beans emerged.....	88	76	97	96
Hay, alfalfa, first cutting	74	54	81	79
Oats jointing	84	70	86	87
Oats headed.....	32	9	38	48
Soybeans planted.....	98	94	100	99
Soybeans emerged.....	87	70	97	97
Spring wheat jointing	67	39	85	81
Spring wheat headed.....	14	1	32	35

Days Suitable for Fieldwork and Soil Moisture Condition as of June 23, 2019

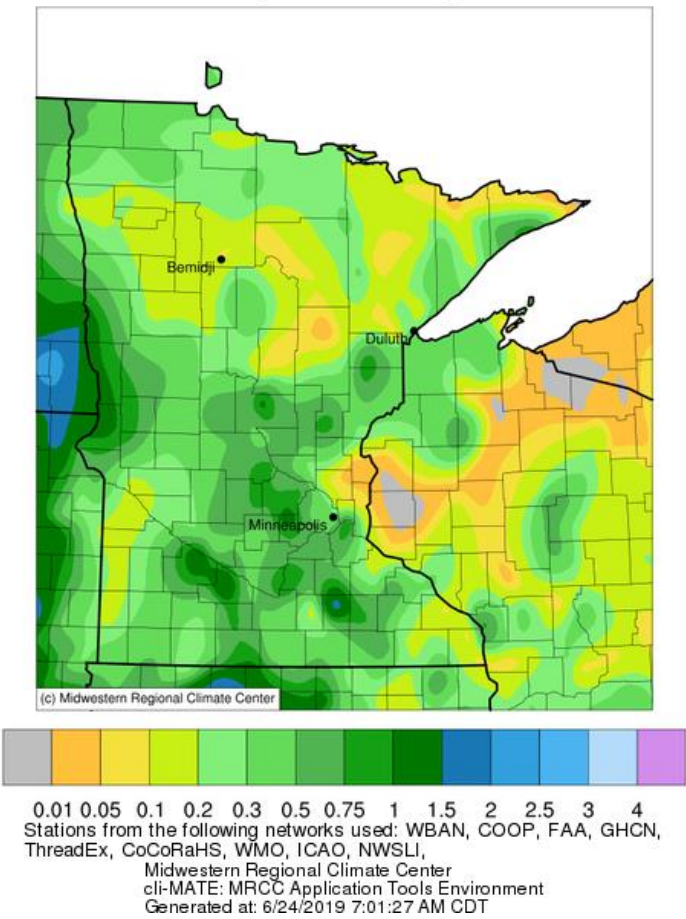
Item	This week	Last Week	Last Year
	(days)	(days)	(days)
Days suitable	4.5	5.0	3.3
	(percent)	(percent)	(percent)
Topsoil moisture			
Very short	0	0	1
Short	3	3	3
Adequate	72	76	59
Surplus	25	21	37
Subsoil moisture			
Very short	0	0	0
Short	3	3	3
Adequate	67	67	66
Surplus	30	30	31

Minnesota Temperatures and Precipitation for the week ending June 23, 2019

Average Temperature (°F): Departure from 1981-2010 Normals
June 17, 2019 to June 23, 2019



Accumulated Precipitation (in)
June 17, 2019 to June 23, 2019



National Weather Service data, courtesy of the Minnesota Department of Natural Resources State Climatology Office, is available at: <http://www.dnr.state.mn.us/climate/historical/summary.html>

Growing Degree Days can be found at <https://mrcc.illinois.edu/U2U/gdd/>

Temperature and Precipitation Maps, courtesy of the Midwest Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>